

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 3-204

TOWNSEND and TOWNSEND and CREW LLP

By: 

PATENT  
Attorney Docket No.: 016301-033110US  
Client Reference No.: 003984  
USA/PDD/LOW K

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Timothy Weidman

Application No.: 09/692,527

Filed: October 18, 2000

For: CAPPING LAYER FOR EXTREME LOW DIELECTRIC CONSTANT FILMS

Examiner: C. Novacek

Art Unit: 2822

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

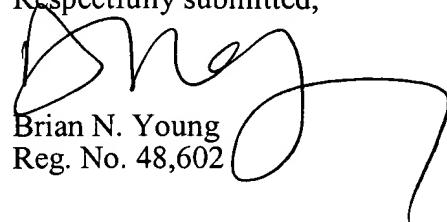
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Timothy Weidman  
Application No.: 09/692,527  
Page 2

PATENT

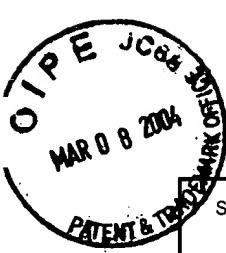
This IDS is being filed along with an RCE (request for continued examination).

Respectfully submitted,

  
Brian N. Young  
Reg. No. 48,602

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 415-576-0200  
Fax: 415-576-0300  
PRJ:prj

60152744 v1



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/692,527
				Filing Date	October 18, 2000
				First Named Inventor	Weidman, Timothy
				Art Unit	2822
Examiner Name	C. Novacek				
Sheet	1	of		Attorney Docket Number	016301-033110US

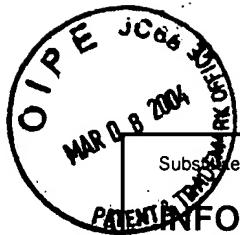
<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,914,508	June 22, 1999	Varmazis et al.	
	AB	US-5,665,845	Sept. 9, 1997	Allman	
	AC	US-4,532,150	Jul. 30, 1985	Endo, et al.	
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			
	AO	US-			
	AP	US-			
	AQ	US-			
	AR	US-			
	AS	US-			
	AT	US-			

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
	AU	EP	917184	A2	5/19/99 Saha, Chandan Kumar	<input type="checkbox"/>
	AV	WO	99/41423		8/19/99 Cheung, David	<input type="checkbox"/>
	AW	EP	851490	A2	1/7/98 Usami, Tatsuya	<input type="checkbox"/>
	AX	EP	725440	A2	8/7/96 Loboda, Mark Jon	<input type="checkbox"/>
	AY	EP	771026	A2	5/2/97 Loboda, Mark Jon	<input type="checkbox"/>
	AZ	EP	405501	A2	1/2/91 Ono, Tadaaki	<input type="checkbox"/>
	BA					<input type="checkbox"/>
	BB					<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60152744 v1.



Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Sheet	2	of		Application Number	09/692,527
				Filing Date	October 18, 2000
				First Named Inventor	Weidman, Timothy
				Art Unit	2822
				Examiner Name	C. Novacek
				Attorney Docket Number	016301-033110US

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	BC	M. Matsuura, et al.; A Highly Reliable Self-planarizing Low-k Intermetal Dielectric for Sub-quarter Micron Interconnects, Electron Devices Meeting, 1997, Technical Digest, International; Dec. 1997; IEEE (pp. 97-785 to 97-788)		
	BD			
	BE			
	BF			
	BG			
	BH			
	BI			
	BJ			
	BK			
	BL			
	BM			

Examiner Signature	Date Considered
--------------------	-----------------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.